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INTERNATIONAL SEARCH REPORT

Internat	Application No
PCT/IB 03/02323	

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01J29/86 H01J29/87

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01J C03B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, WPI Data, EPO-Internal, INSPEC, COMPENDEX, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 964 364 A (SHIMIZU NAOYA ET AL) 12 October 1999 (1999-10-12) claims 1-7 -----	1

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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Date of the actual completion of the international search 4 September 2003	Date of mailing of the international search report 15/09/2003
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report	Publication date		Patent family member(s)	Publication date
US 5964364	A	12-10-1999	JP 10223158 A	21-08-1998
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			GB 2321899 A ,B	12-08-1998